

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 77-15

NPDES NO. CA 0028282

WASTE DISCHARGE REQUIREMENTS FOR:

TRIPLE A MACHINE SHOP, INC.  
HUNTERS POINT  
SAN FRANCISCO

The California Regional Water Quality Control Board, San Francisco Bay Region, (herein-after called the Board) finds that:

1. Triple A Machine Shop, Inc., San Francisco, hereinafter called the discharger submitted a report of waste discharge dated November 11, 1976.
2. The discharger repairs and performs maintenance on various seagoing vessels at six graving docks located at Hunters Point Naval Shipyard in San Francisco. The discharge consists of residual spent abrasives which remain on the concrete floor of the graving docks. The abrasives may contain decaying marine organisms, heavy metals, toxic paint residues, oil and grease, and other materials.

The residual abrasives come in contact with bay water when the graving dock is flooded. Any spills of liquid wastes during maintenance and repair work could enter a sump at the lower end of the drydock and could be pumped to bay waters immediately outside the graving dock. Hydrostatic relief water and gate leakage are also pumped to the bay. These are not normally polluted and are not regarded as waste discharges.

3. The Board, on April 8, 1975, adopted a Water Quality Control Plan for the San Francisco Bay Region. The Plan contains water quality objectives for the San Francisco Bay. The Plan includes a prohibition against the discharge of conservative toxic materials above those levels which can be achieved by source control, and prohibits bottom deposits in measurable concentrations above natural background levels.
4. This project meets the criteria of Section 13389 of the California Water Code for an exemption from the provisions of the California Environmental Quality Act of 1970.
5. The beneficial uses of San Francisco Bay are:
  - a. Recreation
  - b. Fish migration and habitat
  - c. Habitat and resting for waterfowl and migratory birds
  - d. Industrial, agricultural & municipal water supply
  - e. Esthetic enjoyment
  - f. Navigation
6. Effluent limitations and toxic and pretreatment effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.

7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
8. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
9. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from date of hearing provided the Regional Administrator, U. S. Environmental Protection Agency, has no objections.

IT IS HEREBY ORDERED that Triple A Machine Shop, Inc., in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitation

Prior to the flooding of a graving dock the discharger shall remove spent abrasives, paint residues, and other debris from those portions of the graving dock floor which are reasonably accessible, to a degree achievable by scraping or broom cleaning. After a vessel has been removed from a dock, the remaining areas of the floor which were previously inaccessible shall be cleaned by scraping or broom cleaning as soon as practicable, and prior to the introduction of another vessel.

B. Discharge Prohibitions

1. Except as specified in A., discharge of solid or liquid wastes to waters of the State is prohibited.
2. Discharge of sewage or other liquid wastes to the graving docks floor is prohibited. Spills of such wastes shall be cleaned up and prevented from entering the sumps at the lower ends of the graving docks.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place.
  - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
  - b. Bottom deposits or aquatic growths;
  - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;
  - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;

- e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

1. Neither the treatment nor the discharge of pollutants nor the disposal of solid wastes on site shall create a nuisance as defined in the California Water Code.
2. The discharger shall comply with all sections of this Order immediately upon adoption.
3. This Order includes Items 1, 3, 5, and 6 of the attached "Reporting Requirements", dated August 8, 1973.
4. This Order includes Items 1, 2, 4, 5, 6, 7, 8, 9, and 10 of the attached "Standard Provisions", dated November 20, 1974.
5. This Order expires on March 15, 1982, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.
6. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to this Board.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on March 15, 1977.

FRED H. DIERKER  
Executive Officer

Attachments:

Reporting Requirements 8/8/73  
Standard Provisions 11/20/74  
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

AUGUST 8, 1973

REPORTING REQUIREMENTS

1. The discharger shall file with the Board technical reports on self-monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Program as directed by the Executive Officer.
- \*2. The discharger shall file a written report with the Board within 90 days after the average dry-weather waste flow for any month equals or exceeds 75 percent of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

Average daily flow for the month, the date on which the instantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b), and 13268, California Water Code)

- \*\*3. The discharger shall notify the Board not later than 180 days in advance of implementation of any plans to alter production capacity of the product line of the manufacturing, producing or processing facility by more than ten percent. Such notification shall include estimates of proposed production rate, the type of process, and projected effects on effluent quality. Notification shall include submittal of a new report of waste discharge and appropriate filing fee.
- \*4. The discharger shall notify the Board of (a) new introduction into such works of pollutants from a source which would be a new source as defined in Section 306 of the Federal Water Pollution Control Act, or amendments thereto, if such source were discharging pollutants to the water of the United States, (b) new introductions of pollutants into such works from a source which would be subject to Section 301 of the Federal Water Pollution Control Act, or amendments thereto, if it were discharging such pollutants to the waters of the United States, (c) a substantial change in the volume or character of pollutants being introduced into such works by a source introducing pollutants into such works at the time the waste discharge requirements were adopted. Notice shall include a description of the quantity and quality of pollutants and the impact of such change on the quantity and quality of effluent from such publicly owned treatment works. A substantial change in volume is considered an increase of

7. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a regional water quality control Board and which is in full compliance therewith.
8. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:
  - (a) Violation of any term or condition contained in this Order;
  - (b) Obtaining this Order by misrepresentation, or failure to disclose fully all relevant facts;
  - (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
  - (d) A change in applicable effluent limitations guidelines as established by the Environmental Protection Agency pursuant to sections 301, 304(b), 306, and 307 of the Federal Water Pollution Control Act, as amended.
9. If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Federal Water Pollution Control Act, or amendments thereto, for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this Order, the Board will revise or modify this Order in accordance with such toxic effluent standard or prohibition and so notify the discharger.
10. In the event the discharger is unable to comply with any of the conditions of this Order due to:
  - (a) Breakdown of waste treatment equipment;
  - (b) Accidents caused by human error or negligence; or
  - (c) Other causes such as acts of nature,

the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR

Triple A Machine Shop, Inc.

Hunters Point

San Francisco

NPDES NO. CA 0028282

ORDER NO. 77-15

CONSISTS OF

PART A

AND

PART B

PART B

A. Reporting

1. Prior to the flooding of any graving dock, three closeup photographs of the dock floor shall be taken, representative of the cleanliness of the entire dock. Photographs need not be taken if the natural lighting on the dry dock at the time of flooding is inadequate to provide sufficient detail in the photographs.

All photographs taken shall be submitted, as color slides, monthly.

2. Any accidental discharges resulting in a violation of requirements shall be reported, including cleanup measures taken and measures taken to prevent a recurrence.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 77-15.
2. Does not include the following paragraphs of Part A:  
  
C.1, 2, 3, 4, 5; E. 2, 4; F.2.
3. This monitoring program shall commence immediately upon adoption.
4. Has been ordered by the Executive Officer on March 15, 1977, and becomes effective immediately.
5. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER  
Executive Officer